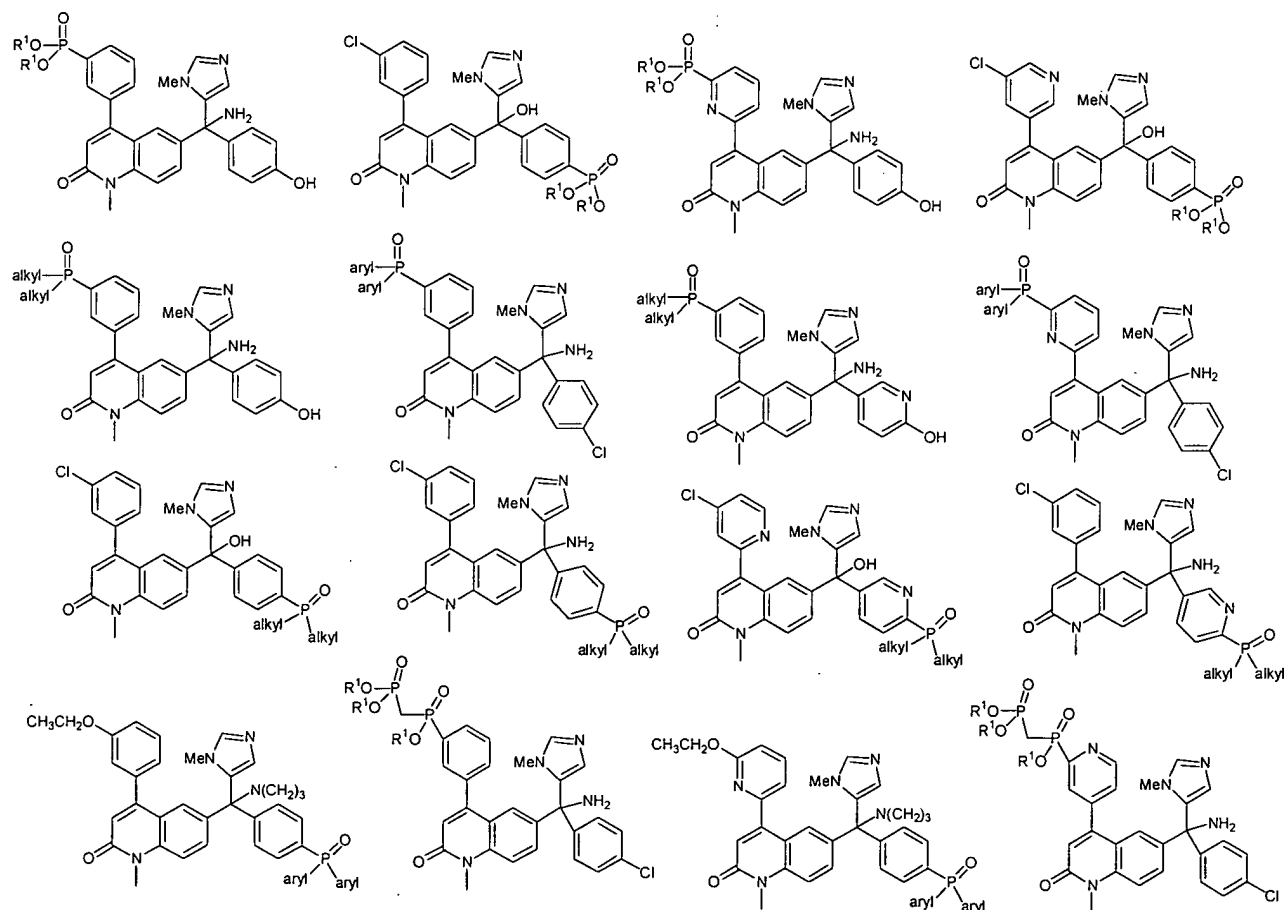


Claims

1. A compound chosen from the following:



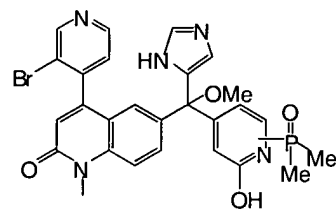
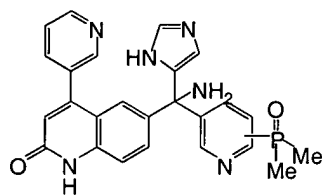
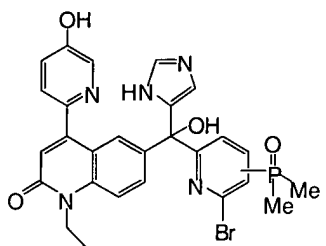
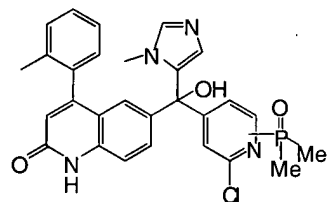
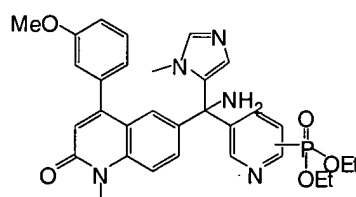
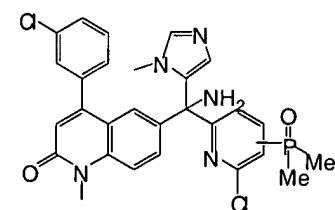
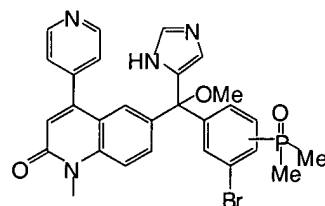
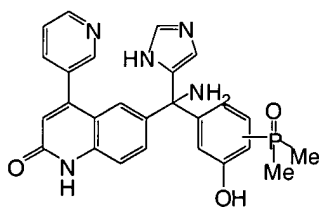
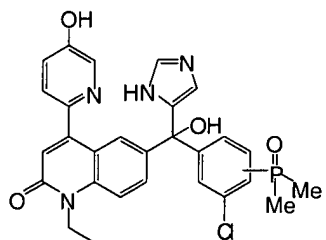
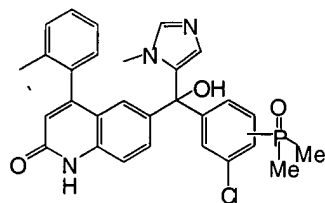
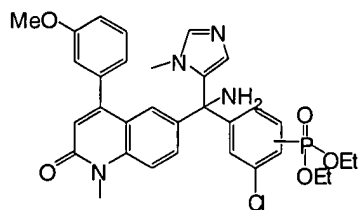
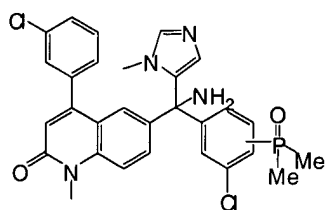
wherein

each occurrence of Y is independently $-O-$, $-S-$, or $-NR^1-$, or a chemical bond linking R^1 to P;

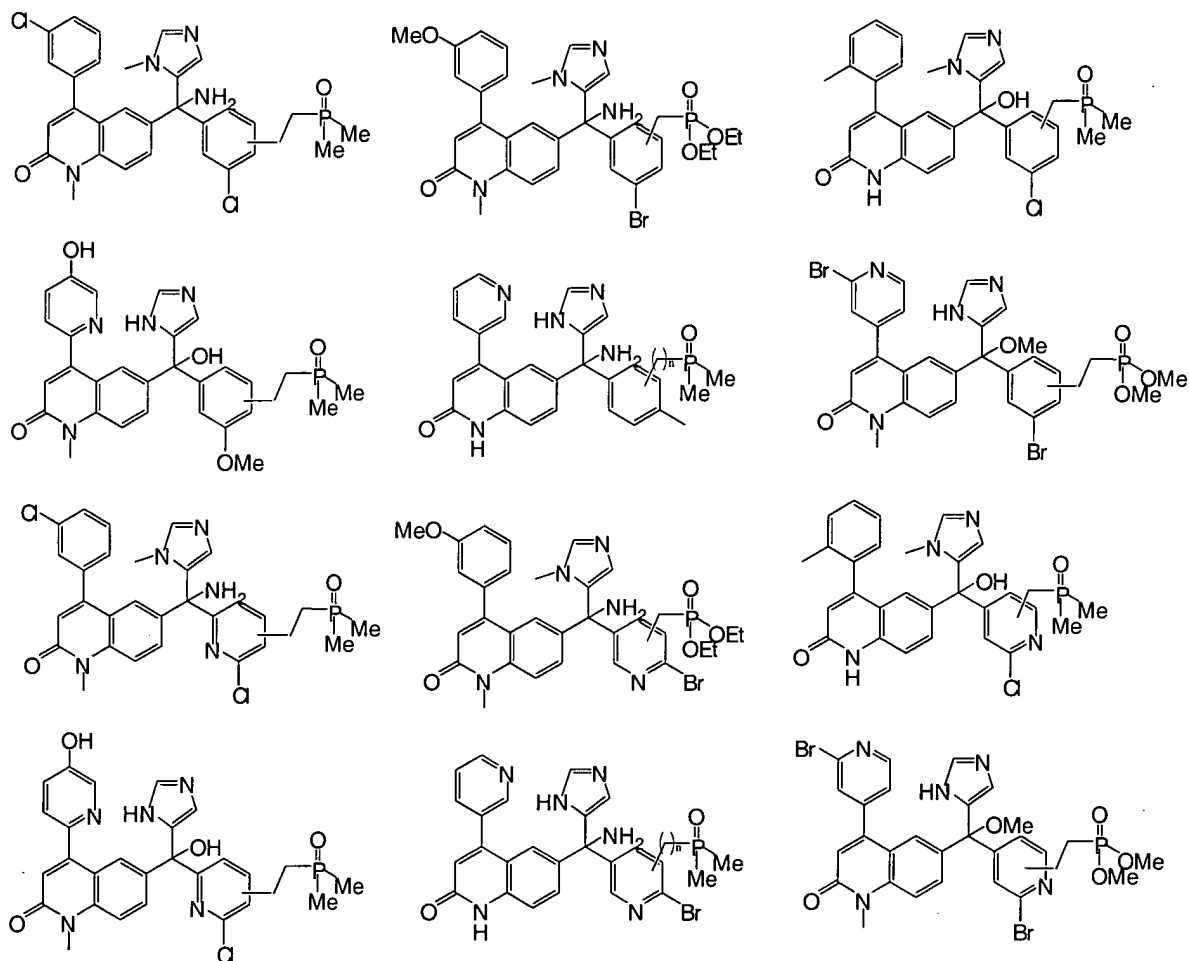
each occurrence of R^1 is independently a substituted or unsubstituted aliphatic, heteroaliphatic, aryl or heteroaryl moiety, or, except in YR^1 moieties in which Y is a covalent bond, R^1 may also be H; and

each alkyl and aryl group may be substituted or unsubstituted.

2. A compound chosen from the following:

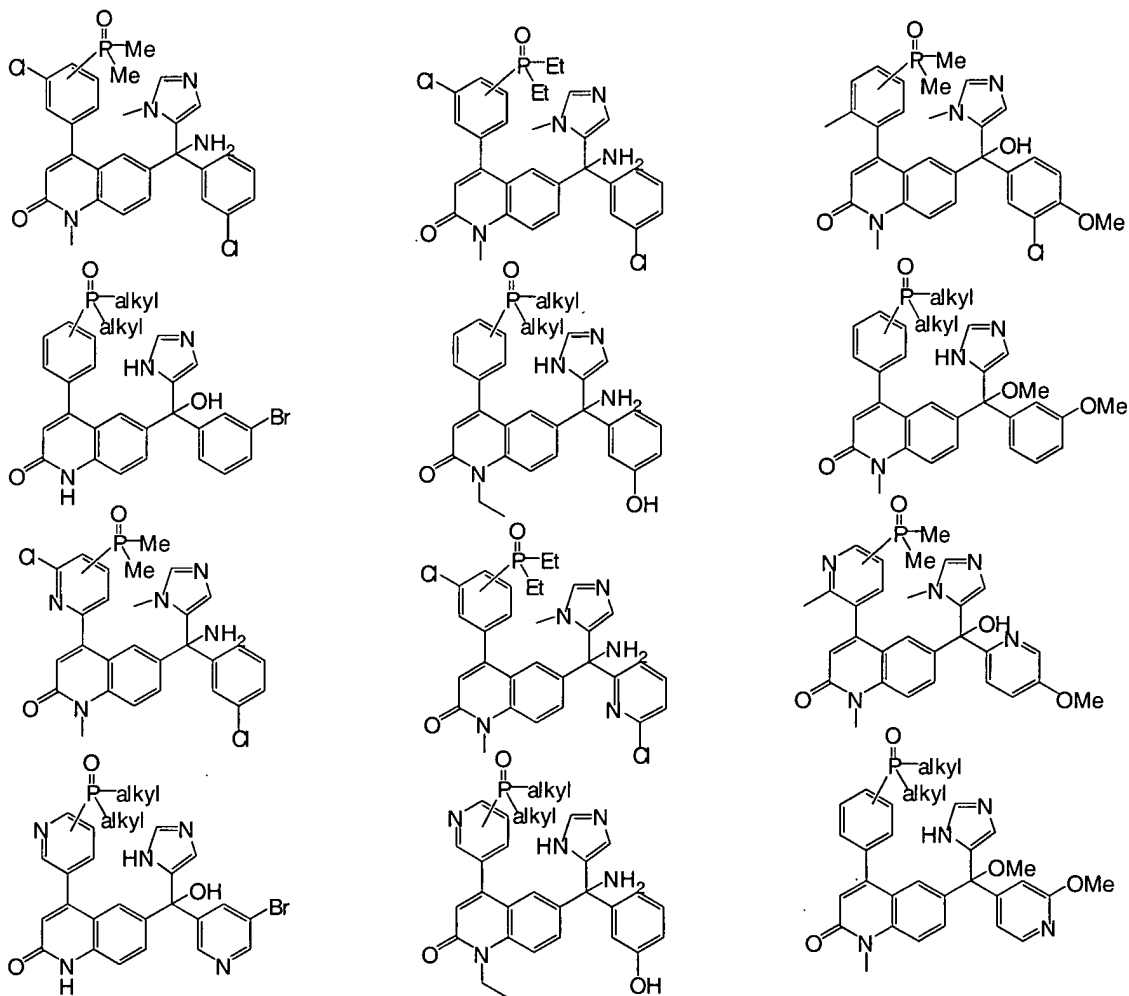


3. A compound chosen from:



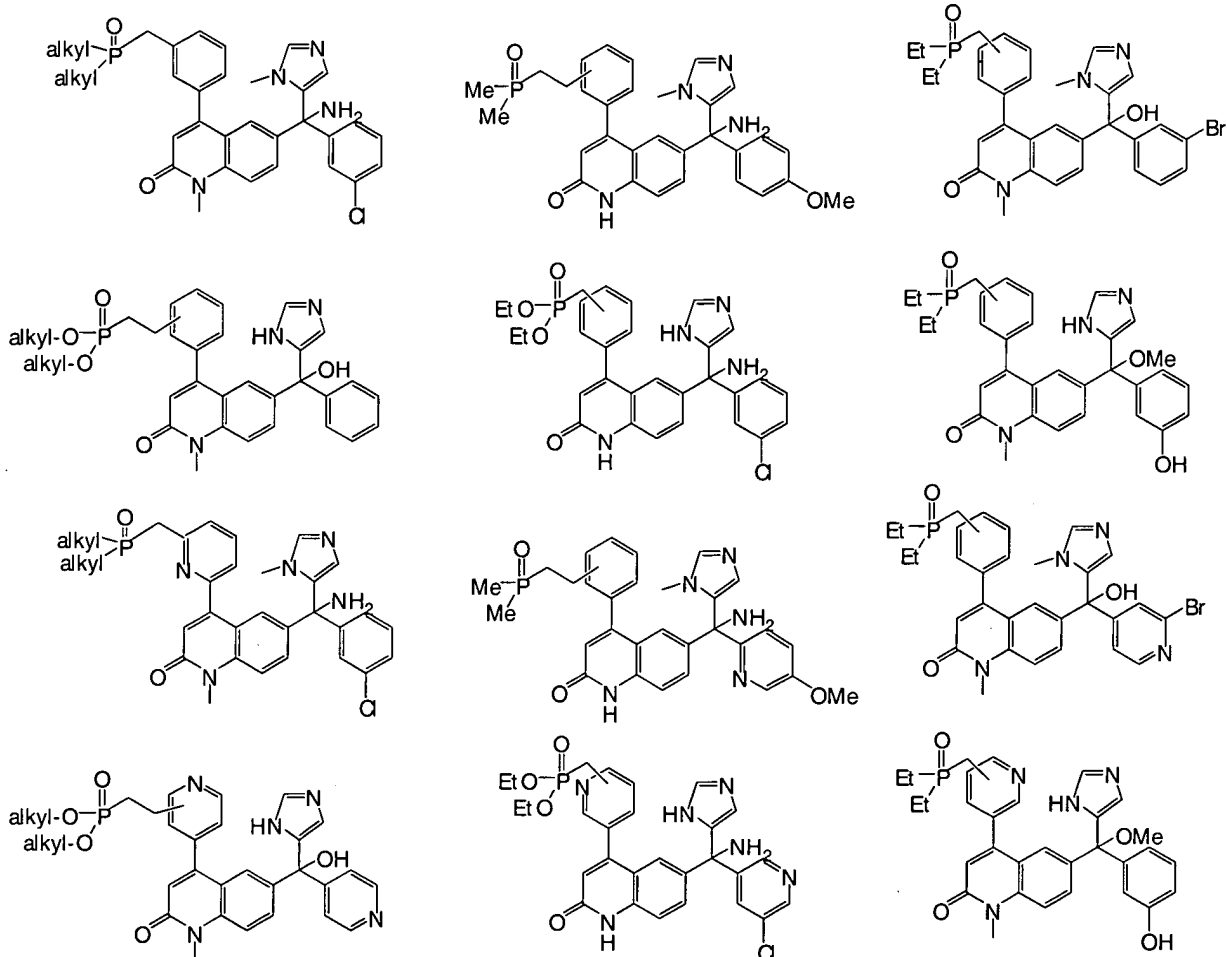
wherein n is an integer from 0 to 6.

4. A compound chosen from the following:



wherein each alkyl group may be substituted or unsubstituted.

5. A compound chosen from the following:



wherein each alkyl group may be substituted or unsubstituted.

6. The compound of any of claims 1 – 5 in which each alkyl group is a substituted or unsubstituted methyl, ethyl, n-propyl, isopropyl, cyclopropyl, -CH₂-cyclopropyl, n-butyl, sec-butyl, isobutyl, tert-butyl, cyclobutyl, -CH₂-cyclobutyl, n-pentyl, sec-pentyl, isopentyl, tert-pentyl, cyclopentyl, -CH₂-cyclopentyl, n-hexyl, sec-hexyl, cyclohexyl, or -CH₂-cyclohexyl moiety; or a benzyl or phenethyl moiety or a heteroaromatic or substituted derivative thereof.